TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))	Docket No. 4.3 06558.013001

In Re Application Of: Jonggeun CHOE et al.

APR 0 3 2002

Serial No. 10/053,857	Filing Date 01/18/2002	Examiner	Group Art Unit 3672

Title: **METHOD FOR SIMULATING SUBSEA MUDLIFT DRILLING AND WELL CONTROL OPERATIONS**

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Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

APR 0 5 2002

GROUP 3600

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

    1.   a Final Action under 37 CFR 1.113, or

    2.   a Notice of Allowance under 37 CFR 1.311,

whichever occurs first.

Also submitted herewith is:

☐ a certification as specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

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PATENT TRADEMARK OFFICE

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))	Docket No. 06558.01300

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In Re Application Of: Jonggeun CHOE et al.

(stamp: APR 0 3 2002 PATENT & TRADEMARK OFFICE)

Serial No. 10/053,857	Filing Date 01/18/2002	Examiner	Group Art Unit 3672

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Payment of Fee
(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

☐ A check in the amount of   is attached.

☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 50-0591 as described below. A duplicate copy of this sheet is enclosed.

    ☐ Charge the amount of

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I certify that this document and fee is being deposited on *March 27, 2002* with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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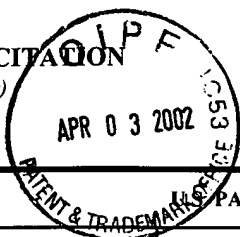*Richard A. Fagin (signature)*

Signature

Dated: 3/27/02

Richard A. Fagin, Reg. No. 39,182
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CC:

INFORMATION DISCLOSURE CITATION *(Use several sheets if necessary)*	Docket Number (Optional) **06558.013001**		Application Number **10/053,857**
	Applicant(s) **Jonggeun CHOE et al.**		
	Filing Date **January 18, 2002**		Group Art Unit

APR 0 3 2002

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	4,813,495	03/21/1989	Leach	175	6	05/05/1987

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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

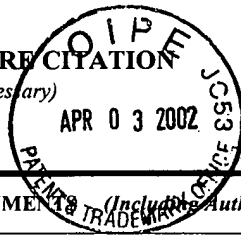|		

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	Docket Number (Optional)	Application Number
INFORMATION DISCLOSURE CITATION *(Use several sheets if necessary)*	06558.013001	10/053,857

APR 0 3 2002

	Applicant(s)
	Jonggeun CHOE et al.

Filing Date	Group Art Unit
January 18, 2002	

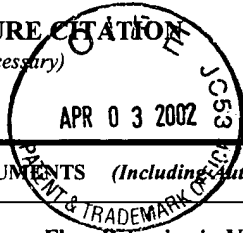| *EXAMINER INITIAL		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	B1	"A Modified Two-Phase Well-Control Model and Its Computer Applications as a Training and Educational Tool", Jonggeun Choe and Hans C. Juvkam-Wold, SPE Computer Applications, February 1997, pages 14-20, 8 pages
	B2	"Table 4.6 - Summary of Frictional Pressure Loss Equations", Applied Drilling Engineering, Adam T. Bourgoyne Jr. et al, SPE Textbook Series, Vol.2, 2 pages
	B3	"Estimating Shallow Below Mudline Deepwater Gulf of Mexico Fracture Gradients", J. W. Barker et al., 1997 Houston AADE Chapter Annual Technical Forum, April 2-3, 1997, 9 pages
	B4	"Fracture Gradient Prediction and Its Application in Oilfield Operations", Ben A. Eaton, Journal of Petroleum Technology, October 1969, 8 pages
	B5	"Fracture Gradient Prediction For The New Generation", Dr. Ben A. Eaton et al., World Oil, October 1997, 5 pages
	B6	"Compressibility Factors for High-Molecular-Weight Reservoir Gases", R. P. Sutton, Society of Petroleum Engineerings Paper No. SPE 14265, 16 pages
	B7	"Calculation of Z Factors For Natural Gases Using Equations of State", P. M. Dranchuk et al., The Journal of Canadian Petroleum, 3 pages
	B8	"Two-Phase Flow In Pipes", Dr. James P. Brill et al., Third Printing February, 1984, 3 pages
	B9	"The Viscosity of Natural Gases", Anthony L. Lee et al., Reprint from August 1966 Journal of Petroleum Technology, 4 pages
	B10	"A Study of Two-Phase Flow in Inclined Pipes", H. Dale Beggs et al., Journal of Petroleum Technology, May 1973, 11 pages
	B11	"Velocity of Large Drops and Bubbles in Media of Infinite or Restricted Extent", Tibor Z. Harmathy, A.I.Ch.E. Journal, Vol. 6, No. 2, June 1960, 8 pages
	B12	"Predicting Multiphase Flow Behavior in a Deviated Well", A. Rashid Hasan et al., SPE Production Engineering, November 1988, 9 pages

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*EXAMINER INITIAL		OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*
	C1	"A Study of Multiphase Flow Behavior in Vertical Oil Wells: Part I - Theoretical Treatment", A. R. Hasan et al., Society of Petroleum Engineers, Paper No. SPE 15138, 16 pages
	C2	"Well Testing", John Lee, First Printing, Society of Petroleum Engineers of AIME, New York, Dallas, 1982, 2 pages
	C3	"Dynamic Well Control Simulation Models for Water-Based MUDS and Their Computer Applications", Dissertation by Jonggeun Choe, May 1995, 197 pages

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